

ABSTRACT

A vehicle, such as an automobile or a truck, is equipped with a mechanism to control output torque to two or more shafts. The mechanism is most usefully adapted to an axle in order to allocate torque among two or more shafts or wheels. The mechanism controls the sum and difference of torque by processing the sum and the difference independently. The mechanism converts a force, such as a torque, into quantities that can be used by the two or more shafts or wheels.